AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A polyester resin aqueous dispersion, comprising: a polyester

resin (A) having carboxyl groups introduced by using polybasic acids selected from the group

consisting of terephthalic acid, isophthalic acid, phthalic anhydride, trimellitic acid or trimellitic

anhydride introduced through depolymerization and/or addition reactions of a polyester and

having an acid value of 2 mg KOH/g or more and less than [[8]] 7.9 mg KOH/g and a number-

average molecular weight of 5.000 11,000 to 18,300 or more: a basic compound (B); and water

(C),

wherein the content of the polyester resin (A) is 1 to 70 percent by mass, the content of

water (C) is 10 percent by mass or more, the volume-average particle size of the particles in the

polyester resin aqueous dispersion is 400 nm or less, and no surfactant is present eontained,

wherein when the polyester resin aqueous dispersion is applied on a tin-free steel plate of

0.19 mm in thickness by using a desktop coater and heated in an oven at 200°C for 3 minutes to

yield a resin film of 3 µm in thickness on the steel plate, the resultant resin film exhibits

processability of 0T, 1T or 2T, in which the steel plate obtained is bent together with a stack of

several steel plates having the same thickness in a pressing machine in such a manner that the

resin film become outside the bent plates to examine visually the presence of cracks in the bent

area of the resin film, and the minimum plate number n at which the crack is not generated is

determined and used as an indicator of processability and designated as nT.

2

Application No. 10/531,308
Amendment dated April 27, 2007
Docket No.: 0020-5368PUS1

Reply to Office Action of December 27, 2006

2. (Original) The polyester resin aqueous dispersion according to Claim 1, further

comprising an organic solvent (D), wherein the content of the organic solvent (D) is 0 to 85

percent by mass.

3. (Canceled)

4. (Canceled)

5. (Currently Amended) The polyester resin aqueous dispersion according to claim [[41]

1, wherein the polybasic acid is a trifunctional or higher polybasic acid trimellitic acid or

trimellitic anhydride.

6. (Previously Presented) The polyester resin aqueous dispersion according to claim 1.

wherein the polyester resin is a polyester resin containing an aromatic polybasic acid in an

amount of 50 mole % or more as the polybasic acid component.

7. (Previously Presented) A process for producing the polyester resin aqueous dispersion

according to claim 1, comprising;

dispersing a solution of a polyester resin (A) in an organic solvent together with a basic

compound (B) in water by phase-inversion emulsification, wherein the phase-inversion

emulsification is carried out at a temperature of 40°C or lower.

3

Application No. 10/531,308 Docket No.: 0020-5368PUS1
Amendment dated April 27, 2007

Reply to Office Action of December 27, 2006

8. (Currently Amended) The process for producing the polyester resin aqueous

dispersion according to Claim 7, further comprising [[;]] removing the organic solvent after the

phase-inversion emulsification.

9. (Original) The process for producing the polyester resin aqueous dispersion according

to Claim 7 or 8, wherein the amount of the basic compound (B) used satisfies the following

Formula (1):

 $-0.25 \times E + 2.5 \le F \le -5 \times E + 50(1)$ 

wherein in the formula (1) E represents an acid value of the polyester resin (A) (mg KOH/g); and

F represents an equivalence ratio of the basic compound (B) to the total mole quantity of the

carboxyl groups of polyester resin (A).

(New) The polyester resin aqueous dispersion according to Claim 1.

wherein the polyester to be subjected to the depolymerization and/or addition reactions

has an acid component selected from the group consisting of aromatic dicarboxylic acids

selected from terephthalic acid, isophthalic acid, orthophthalic acid, phthalic anhydride,

naphthalenedicarboxylic acid or biphenyldicarboxylic acid; aliphatic dicarboxylic acids selected

from saturated aliphatic dicarboxylic acids including oxalic acid, succinic acid, succinic

anhydride, adipic acid, azelaic acid, sebacic acid, dodecanedioic acid, eicosanedioic acid and

hydrogenated dimer acids; or unsaturated aliphatic dicarboxylic acids selected from fumaric acid,

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Amendment dated April 27, 2007 Reply to Office Action of December 27, 2006

maleic acid, maleic anhydride, itaconic acid, itaconic anhydride, citraconic acid, citraconic

anhydride and dimer acid; alicyclic dicarboxylic acids selected from 1,4-

cyclohexanedicarboxylic acid. 1,3-cyclohexanedicarboxylic acid. 1,2-cyclohexanedicarboxylic

acid, 2.5-norbornenedicarboxylic acid or anhydride thereof, tetrahydrophthalic acid or anhydride

thereof, and a trifunctional or higher polybasic acid selected from trimellitic acid, pyromellitic

acid, benzophenonetetracarboxylic acid, trimellitic anhydride, pyromellitic anhydride.

benzophenonetetracarboxylic anhydride, trimesic acid, ethylene glycol bis(anhydrotrimellitate),

glycerol tris(anhydrotrimellitate) or 1,2,3,4-butanetetracarboxylic acid, and

an alcohol component selected from the group consisting of an aliphatic glycol having 2

to 10 carbons selected from ethylene glycol, 1,2-propanediol, 1,3-propanediol, 1,4-butanediol, 2-

methyl-1,3-propanediol, 1,5-pentanediol, neopentylglycol, 1,6-hexanediol, 3-methyl-1,5-

pentanediol, 1,9-nonenediol or 2-ethyl-2-butyl propanediol; an alicyclic glycol having 6 to 12  $\,$ 

carbons selected from 1,4-cyclohexane dimethanol; and an ether bond-containing glycol selected from diethylene glycol, triethylene glycol, dipropylene glycol, polytetramethylene glycol,

polyethylene glycol or polypropylene glycol,

an ethylene oxide or propylene oxide adduct of bisphenol selected from 2,2-bis(4-

hydroxyethoxyphenyl)propane, and trifunctional or higher polyhdric alcohol selected from

glycerine, trimethylolethane, trimethylolpropane or pentaerythritol.

5